

CLAIMS

1. A switching device module comprising a frame (2), the switching device module being adapted to be connected to another switching device module for providing a modular switching device, **characterized** in that the frame (2) of the switching device module is provided with one or more wire troughs (8, 28), each of which is adapted to receive at least one wire of an auxiliary circuit of said modular switching device.

2. A switching device module as claimed in claim 1, **characterized** in that the frame (2) of the switching device module is substantially in the shape of a rectangular parallelepiped, and in that the wire troughs (8) are placed inside planes defining the parallelepiped.

3. A switching device module as claimed in claim 1 or 2, **characterized** in that the frame (2) comprises an openable cover part (10), the cover part (10) constituting at least one wall of at least one wire trough (8).

4. A switching device module as claimed in claim 3, **characterized** in that it comprises a main shaft element (12), and in that said at least one wire trough (8), whose at least one wall is constituted by the openable cover part (10), is substantially parallel with the main shaft element (12).

5. A switching device module as claimed in claim 4, **characterized** in that said at least one wire trough (8), whose at least one wall is constituted by the openable cover part (10), extends linearly through the frame (2).

6. A switching device module as claimed in claim 4 or 5, **characterized** in that it comprises at least one wire trough (28) extending substantially perpendicularly relative to the main shaft element (12).

7. A switching device module as claimed in claim 6, **characterized** in that the switching device module comprises a cover side (4) and a bottom side (6), which are substantially parallel and located opposite each other, the bottom side (6) being adapted to be installed adjacent to a wall of an assembly space, such as a cubicle, and in that the switching device module comprises at least one wire trough (28) extending substantially perpendicularly relative to the cover side (4).

8. A switching device module as claimed in any one of the preceding claims, **characterized** in that it comprises at least one wire trough

(28) having one open longitudinal side facing the exterior of the module.

9. A switching device module as claimed in claim 8, **characterized** in that the wire trough (28) having one open longitudinal side is located on such a side of the switching device module that is adapted to be positioned against an adjacent switching device module.

10. A switching device module as claimed in any one of claims 1 to 9, **characterized** in that said wire of an auxiliary circuit of the switching device is a wire of a fuse monitor of a switch-fuse.

11. A switching device module as claimed in any one of claims 1 to 9, **characterized** in that said wire of an auxiliary circuit of the switching device is a wire of an auxiliary contact (25).